



भारत का राजपत्र The Gazette of India

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

सं० 33]

नई दिल्ली, शनिवार, अगस्त 14, 1971 (श्रावण 23, 1893)

No. 33]

NEW DELHI, SATURDAY, AUGUST 14, 1971 (SRAVANA 23, 1893)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2

PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएँ और नोटिस
Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

Patents and Designs

Calcutta, the 14th August 1971

Application for Patents

The dates shown in crescent brackets are the dates Claimed under Section 78A of the Act.

24th July 1971

- 132225. H. Manghanmal. Versatile electric water heater.
- 132226. Birla Research Institute for Applied Sciences. A process for the preparation of dissolving grade pulp from eucalyptus hydrid wood and the pulp so prepared
- 132227. Sandoz Ltd. A paper dye.
- 132228. Sandoz Ltd. Process for the production of opaque crystalline mouldings by the combined injection and blow moulding technique.
- 132229. Sandoz Ltd. Process for the production of amorphous transparent mouldings by the combined injection and blow moulding technique.
- 132230. Miller Printing Machinery Co. Apparatus for registering and feeding sheets to a sheet fed printing press.
- 132231. C. van der Lely N. V. Soil cultivating implements.
- 132232. Universal Oil Products Company. Improved absorption process.
- 132233. Vereinigte Österreichische Eisen-und Stahlwerke Aktiengesellschaft. Water-cooled measuring probe for continuously measuring the temperature of hot liquid metal baths in great basic oxygen converters.
- 132234. Vereinigte Österreichische Eisen-und Stahlwerke Aktiengesellschaft. Water-cooled measuring probe for measuring the temperature of hot liquid metal baths, in particular in melting or refining furnaces.

- 132235. Uss Engineers and Consultants, Inc. Soaking pit.
- 132236. Imperial Chemical Industries Limited. Spirit reproducing carbon papers. (5th March 1970). [Divisional date 27th February 1971].

26th July 1971

- 132237. Council of Scientific and Industrial Research. Method of making gypsum plaster retarder.
- 132238. Niharendu Nath, Clockwork fan.
- 132239. Shell Internationale Research Maatschappij N. V. Process for the preparation of substituted vinyl esters of acids of phosphorus. (2th July 1970).
- 132240. Amp Incorporated. Closure device for a flexible tube.
- 132241. Dr. Beck & Co., AG. Process for insulating electrical conductors with heat-resistant resins.
- 132242. Joseph Lucas (Industries) Limited. Socket units. (8th August 1970).
- 132243. Dr. P. Upadhyaya. A cerebrospinal fluid shunting device.
- 132244. Dr. P. Upadhyaya. A new "Trap door" valve assembly for the treatment of hydrocephalus.
- 132245. Chief Scientist, Ministry of Defence, Government of India, New Delhi. Composition for preventing misting and/or fogging of glass surfaces.
- 132246. Chief Scientist, Ministry of Defence, Government of India, New Delhi. High impact resin-fibre glass composite honeycomb
- 132247. The Chief Scientist in the Research & Development Organisation, Ministry of Defence, Govt. of India, New Delhi. Recoiling fluid.
- 132248. The Chief Scientist, Research and Development Organisation, Ministry of Defence, New Delhi. Corrosion inhibiting composition.
- 132249. Chief Scientist, Research & Development Organisation, Ministry of Defence, Government of India, New Delhi. Process for preparing alkyl acrylates/Methacrylates.

132250. The Chief Scientist, Research & Development Organisation, Ministry of Defence Govt. of India, New Delhi, Corrosion inhibitor composition.
132251. R. Meattle. A locking device.
132252. Sandvikens Jernverks Aktiebolag. Improvements in percussion drill rods. (15th March 1971).
132253. Granges Engineering AB. A method of ingot mould casting and an arrangement for carrying out the method.
132254. Ciba of India Limited. Process for the preparation of azacycloalkane compounds.
132255. Iakhi Narayan Gupta. Physical culture apparatus.
132256. R. S. Amladi. Improvements in or relating to anchoring means and method of fixing such means for securing machine tools pillars, and the like to foundations or foundation blocks.
- 27th July 1971
132257. D. K. Bansal. Single phasing preventor for three-phase induction motors.
132258. Dr. C. M. Bhanotia. Improved oral Contraceptive.
132259. T. S. A. Gauntia. An improved bicycle fitted with two chains, three free wheels and two interchangeable chained gears.
132260. Schering Aktiengesellschaft. Quinolinecarboxylic acid derivatives.
132261. Y. Kato. An apparatus for medical treatment.
132262. S. H. Shah and A. N. Aria. Improvements in or relating to improvements in or relating to locking devices attached to brief-cases.
132263. Österreichisch-Amerikanische Magnesit Aktiengesellschaft. Process of producing a sintered refractory material.
132264. Joseph Lucas (Industries) Limited. Fault display unit for a vehicle. (8th August 1970).
132265. Joseph Lucas (Industries) Limited. Battery charging systems for road vehicles. (8th August 1970).
132266. L. Stewart. Process for the recovery of zinc.
132267. Johnson & Johnson. Bonded nonwoven fabrics and methods of making the same.
132268. Johnson & Johnson. Improved resin binder compositions, methods of utilizing the same and resulting products.
132269. F. I. Smidth & Co., A/S. Rotary tubes with cooler tubes. (29th July 1970). [Addition to No. 117779].
132270. Richer Gedeon Vegyeszeti Gyar R. T. Process for preparing optically active 1, 4-benzodiazepin-2-one derivatives and salt thereof.
132271. Textilipati Kutato Intezet. Process for spinning small pattern as well as device for realization of the process.
132272. Bunker Ramo Corporation. Electrical contact and conductor, and method of making.
132273. Barmag Barmer Maschinenfabrik Aktiengesellschaft. Traversing element. (19th April 1971).
132274. Varta Aktiengesellschaft. Improvements in or relating to storage battery.
132275. L. P. Molnar. Improvements in or relating to manufacture of steel.
- 28th July 1971
132276. Decauville. A free cable winch.
132277. Union Carbide Corporation. Primary dry cell.
132278. Albright & Wilson Limited. The manufacture of granular ceramic or cermet composition. (31st July 1970).
132279. Girling Limited. Improvements in or relating to serve motors. (6th August 1971).
132280. Joseph Lucas (Industries) Limited. Electrical switches. (8th August 1970).
132281. E. J. du Pont de Nemours and Company. Cold water soluble plastic films.
132282. The Lubrizol Corporation. Thickened aqueous compositions containing acrylamidoalkane sulfonate polymers.
132283. Burroughs Corporation. Segment display pannel with cathode groups.
132284. Texaco Development Corporation. Lubricant containing polymeric products.
132285. Takeda Chemical Industries, Ltd. Cephalosporin derivatives.
132286. Triplex Safety Glass Company Limited. Improvements in or relating to toughened glass sheets. (29th July 1970).
132287. Ims Limited Easy open bag.
132288. Monsanto Company. Isopropylamineethanol salt of p-nitrobenzenesulfonylurea and process for its preparation. [Divisional date 30th March 1970].
132289. Budapesti Radiotechnikai Gyar. Collinear aerial.
132290. Merrick Scale Mfg. Company. A mass measuring system.
- 29th July 1971
132291. N. Subbiah. Extruded zip fastener.
132292. Stamicarbon N. V. Process of making a milk coagulating enzyme preparation.
132293. Stamicarbon N. V. Process for the preparation of 4-oxocapronitrile.
132294. Uss Engineers and Consultants, Inc. Guide mechanism for oscillating continuous casting mold.
132295. Philip Morris Incorporated. Product and process for puffing tobacco.
132296. Inventa Ag fur Forschung und Patentverwertung. Lubricants.
132297. Metallgesellschaft A. G. Feeder.
132298. Sandoz Ltd. Improvements in or relating to organic compounds.
132299. Deering Milliken Research Corporation. A drofing cradle. [Divisional date 13th March 1970].
132300. Weill & Reineke G.m.b.H. Process and device to manufacture large webs or sheets of synthetic foil material from extruded strips joined together along their edges.
132301. Ciba-Geigy AG and Takeda Chemical Industries, Ltd. Process for eradicating rice stem borers.
132302. Sincat Societa Industriale Catanese S.p.A. Liquid compositions based on polyglycolethers with a high boiling point.
- 30th July 1971
132303. K. N. Patel. Plastic cap for containers.
132304. P. L. Chakradeo. An attachment for incandescent lamp for producing day light effect.
132305. The Firestone Tire & Rubber Company. Process for preparing colorless, high-vinyl diene polymers.
132306. Girling Limited. Improvements in or relating to discbrakes. (7th August 1970).

132307. Joseph Lucas (Industries) Limited. Electrical switches. (11th August 1970).

132308. Imperial Chemical Industries Limited. Process of making heterogeneous polymer particles. (10th August 1970).

132309. Hindustan Lever Limited. Instant tea. (6th August 1970).

132310. Hindustan Lever Limited. Treatment fats and oils.

132311. Compagnie Pechiney. Arc furnaces.

Alteration of Date

127025. Ante-dated to 31st January 1970 under Section 5 of the Act.

Application Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patent's Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

123515. Dorab Pestonjee Maneckjee Kanga. A device for compressing gases including air and a fuel supply system for an internal combustion engine including such device. Accepted on 5th July 1971.

Comprising an outer casing, an inner casing rotatably and eccentrically mounted within outer casing, a stationary spindle eccentrically extending into inner casing, vane(s) rotatably mounted on the spindle and radially extending through openings in inner casing, and an inlet to and outlet from outer casing.

123615. Dantoss A/S. Spring-mounting arrangement for an encased motor compressor having a vertical shaft. Accepted on 16th July 1971.

Having coiled springs disposed between case and motor compressor, formed of strip material, outside turn of each of which is solidly enclosed by boundary wall, and inside turn of which is fitted axially on to a fixing stud within the boundary wall.

123641. Council of Scientific and Industrial Research. A process for uniform electrostatic charging of photoconductive plates for electrophotographic machines. Accepted on 21st July 1971.

Comprising plasma electrode for applying A. C. potential grid weirs, photoconductive plate, D. C. potential is applied between the photoconductive plate and plasma electrode the plate gets uniform charged.

123653. M. S. Pathan. Containers or receptacles (for protection against bugs). Accepted on 21st July 1971.

Characterized in that it consists of a hollow outer cup having placed vertically within it an inner cup, the said outer cup being provided with a base for the inner cup to rest, the space between the two cups being filled with insecticide or the like.

123658. Babcock & Wilcox Limited. Improvements in distillation units utilising flash evaporation. Accepted on 22nd July 1971.

Has a series of flash evaporation chambers arranged to operate at pressures decreasing with progression through the series with each chamber subsequent to the first receiving liquid direct from a preceding chamber at a higher pressure and a series of condensing chambers to operate at pressures decreasing with progression.

123668. Grunzweig & Hartmann Aktiengesellschaft. Mineral wool and process for the production thereof. Accepted on 22nd July 1971.

Characterised in that it is produced from an initial batch containing more than 18% by weight of iron oxide which is a mixture of Fe_2O_3 and FeO and the batch containing 15 to 65% by weight of SiO_2 , 33 to 12% by weight of Al_2O_3 and upto 5% by weight of a mixture of alkali or alkaline earth oxide.

123675. Metalimpex Accles Femkulkereskedelmi Vallat. An industrial process for continuous separation of nickel. Accepted on 23rd July 1971.

Nickel chloride solution prepared by dissolving a nickel concentrate in hydrochloric acid solution is boiled down to a nickel-concentrate of not more than 2408/L the concentration of Hcl acid is increased to 759 M/L by adding concentrated H_2SO_4 to the solution, the metallic contaminations are absorbed on anion exchange resin, and the nickel salt and liberated Hcl are isolated.

123708. Spartanics, Ltd. Pitch matching detecting and counting system. Accepted on 27th July 1971.

Comprising one or more sources of radiation irradiating similar stacked objects and one or more sensor means comprising sensor array.

123744. A/S atlas. A method for freeze-drying liquids into powder or granulate form. Accepted on 27th July 1971.

Method for freeze-drying liquids having an suitable solids content into a granulate form product by distributing bubbles of gas, stabilizing the increased volume by freezing into lumps, milling the lumps into particles containing gas-bubbles freezing-drying said particles characterised in that gas bubbles are produced within the liquid by firstly in a pressure chamber, absorbing a sufficient excess quantity of gas in the liquid and secondly by relieving the overpressure during or immediately before the freezing operation.

123752. E. I. Du Pont De Nemours and Company. Permeaselective, aromatic, nitrogen-containing polymeric membranes, process for manufacturing same, and a permeator for separating fluids having said membranes. (27th August 1969). Accepted on 24th July 1971.

Comprises extracting a membrane compound of (a) resinous aromatic, nitrogen containing linear polymer (b) organic polar solvent (c) dissolved salt (d) and water with a rinse medium miscible with organic solvent, dissolves the salt and essentially inert and non-solvent for the polymer.

123789. Mobil Oil Corporation. Method of producing proteins by cultivation of microorganisms. Accepted on 27th July 1971.

By cultivating microorganisms in a culture mixture of a water-in-oil emulsion in the presence of oxygen the oil phase of which comprises a hydrocarbon and the aqueous of which comprises an aqueous mineral salt nutrient solution.

123772. M. S. Pathan. An improved pot for protection against ants and other insects. Accepted on 26th July 1971.

Comprising of a cavital formation with an mouthed cavity all around the circumference with an upturned flange, the said cavity being adapted to be filled with chemical or water.

123808. Monsanto Company. An agricultural composition for modifying the sequential development of plants comprising nitrilo compounds. Accepted on 29th July 1971.

Comprising nitrilo compound in admixture with a diluent or carrier and a surface active agent.

123824. Inmont Corporation. Process for the production of a solution of high molecular weight tough thermoplastic polyurethane. Accepted on 22nd July 1971.

Characterised in reacting compounds with two hydroxyl groups and two isocyanate groups each in dimethyl formamide having not more than 5 gram atoms of tertiary amino nitrogen per 109 grams thereof at above 40°C until intrinsic viscosity of solution formed is 0.9 and adding isocyanate reactive end capping reagent.

123820. Sumitomo Chemical Company, Ltd. Process for preparing organic phosphorothiolates, compounds so prepared insecticidal and fungicidal composition containing said compounds. Accepted on 28th July 1971.

Comprises reacting a thiophosphate with a halide.

123836. N. V. Philips Gloeilampenfabrieken. A method of producing holograms which on reconstruction form small size image points. Accepted on 26th July 1971.

In which radiation emanating from illuminated pin hole diaphragms acting as signal light sources, is caused to interfere with radiation of an illuminated pin hole diaphragm acting as reference light source, at a plane where a light sensitive plate is placed thereby exposing it.

123943. Dash Fasteners (Private) Limited. Improvements in or relating to expansion fasteners expanded by wood screws, lag bolts or the like. Accepted on 23rd July 1971.

Wherein the shield has internal ridges which correspond with the threaded configuration of stand lag bolts or wood screws in terms of pitch only and having a taper larger than that of the lag bolts or wood screws provided on the base of the shield.

123990. Rotopark S. A. Carrier devices for storage installations. Accepted on 26th July 1971.

Including a support member having projecting outwardly from at least one of its sides a set of carrier elements which extend parallel with each other end of which the load bearing surfaces lie substantially in the same plane.

124093. Fairchild Camera & Instrument Corporation. Metal—oxide semiconductor devices. Accepted on 28th July 1971.

Characterised in that the gate electrode is formed from selectively doped semiconductor material.

124112. Merlin Gerin. Linear induction motor. Accepted on 22nd July 1971.

Comprising longitudinally extending pole surface with winding slots, multilayer winding comprising plurality of coil having pair of coil side electrically series connected by cross conducting means.

124122. Telestrator Industries, Inc. A system for superimposing images or line drawings upon a television image or other comparable images. Accepted on 27th July 1971.

Comprising at least one source of video signals, image reproduction means, manual probe means operable upon the latter means for storing co-ordinates of the position of probe means, means for converting stored co-ordinates to video signals and video signal mixing means connecting the video signal source and converting means.

124289. Joseph Lucas (Industries) Limited. Windscreen washer and wiper system and electrical control switch for operating the same. (6th December 1968). Accepted on 26th July 1971.

Includes a windscreen washer unit, a windscreen wiper unit, and a control switch, the control switch, in addition to the controlling of wiper unit, serving to operate the wiper unit when the washer unit is operated.

124297. Aikoh Co., Limited. An agent and process for desulfurizing molten pig iron. Accepted on 29th July 1971.

Desulphurising agent comprising 60—85% by weight soda ash, 3—25% of portland cement, 0—10% of water glass, 0—5% of borax, 0—5% of sodium chloride, 0—10% of calcium containing substance, 0—5% of a carbonaceous substance, 0—10% of iron powder, also 7—15% of water.

125338. Dr. Bitaja Bilash Paul. Improvements relating to case syrup sulphitors. Accepted on 29th July 1971.

Comprising a main reactor provided with perforated sheets and pipes with slip, spayer and one inverted cone, together with a built in multi stage absorption column and a preconditioning chamber.

124353. Shyamsundar Ghose. Process for manufacture of a composite nozzle for steel plants and foundaries and method of making the same. Accepted on 24th July 1971.

Comprising a cylindrical or conical outer body made of fireclay which is fired and the inner lining thereof consists of chemically bonded chrome magnesite or magnesite chrome.

124652. Aktiebolaget Tudor. Method for forming electrodes for lead storage batteries. Accepted on 27th July 1971.

Characterised in that air or a gas is blown around the point of contact between the electrode and conductor.

124738. Kannia Nagarajan. Indicator to indicate the reserve gas left in a domestic gas cylinder. Accepted on 6th July 1971.

Comprising an upper supporting member and a lower or base member, connected to each other by pins, coiled springs around said pins one of the ends of said pins being slidable through one of the said members and preferably slidable through the upper supporting member, at least one of the pins being gauged.

124970. P. Jajodia. Improvements in or relating to film projectors. Accepted on 22nd July 1971.

Comprising an enclosure for a light source and a condensing lens, with a slit, means on the enclosure for holding movably an end less film around the enclosure as a slide fit energy means for light source, projecting lens in front of condensing lens, and manually movable means for moving the film.

124999. Imperial Chemical Industries Limited. Catalytic vapour phase fluorination of chlorine substituted pyridines. (25th February 1969). Accepted on 27th July 1971.

Interacting hydrogen fluoride in the vapour phase at an elevated temperature with the chlorine substituted pyridine in the presence of an oxide or fluoride of aluminium or chromium or catalyst.

125001. Institut Gornogo Dela Imeni A. A. Skochinskogo. Multiple-action radial piston hydraulic motor. Accepted on 23rd July 1971.

In this hydraulic motor the cylinders are in communication with a fluid distributor whereas the pistons sliding inside the said cylinders are connected with rollers inter-acting with a shaped surface of a guide.

125024. Farbenfabriken Bayer Aktiengesellschaft. Coating agents for electrostatic lacquering. Accepted on 22nd July 1971.

Comprising a composition of spontaneously crosslinking polymers of styrene and/or alkyl and/or halogen substituted styrene, esters of acrylic or methacrylic acid methacrylamide, amide of α , β -unsaturated carboxylic acid and an α , β unsaturated mono or dicarboxylic acid.

125029. Consolidation Coal Company. Hydrocracking of polynuclear hydrocarbons in the presence of zinc halide catalyst. (29th January 1969). Accepted on 28th July 1971.

By introducing hydro carbonaceous material into a hydrocracking zone and adding a molten zinc halide as a catalyst.

125037. C. Conradt. Electrodes for electric arc furnaces. (12th December 1969). Accepted on 27th July 1971.

Characterized in that it contains at least one titanium compound.

125039. Ciba Limited. New aromatic keto compounds, their manufacture and process for dyeing printing or colouring natural and synthetic fibres and plastics using the same. Accepted on 27th July 1971.

Reacting a heterocyclic compound having a 5 membered or 6 membered residue which contains at least one ring nitrogen atom and which contains at least two easily removable substituents with a polyfunctional hydroxy or mercapto compound and a polycyclic quinone which contains a condensable group.

125048. Skega Aktiebolag. Device for sealing of a rotary shaft. Accepted on 26th July 1971.

Comprising a stationary housing, resilient sealing means for engaging the periphery of the shaft and an axially extending sleeve connecting the sealing means to the housing and having a substantially larger diameter than the shaft engaging diameter of the sealing means to form a lubricant holding space around the shaft.

125062. The Dunlop Company Limited. Flame resistant polyurethane foams and process for the production thereof. (31st January 1969). Accepted on 30th July 1971.

Process for the production of a polyurethane foam by the interaction in a foam forming reaction mixture of a polymeric polyol with an organic polyisocyanate in the presence of a blowing agent, in which there is incorporated in the foam forming reaction mixture a halogen substituted, aromatic amine having not more than one benzene ring.

125067. Teijin Limited. Drawing process of polyester filaments. Accepted on 24th July 1971.

The improvement in that at least the last feed roller is given a small diameter of 15 mm to 50 mm and the arc of contact of the filaments on said roller is made at least 180°.

125068. Electro-Nite, S. A. Thermo couple lance for checking the quality of a molten metal bath. Accepted on 30th July 1971.

Container wall has got good heat conductivity, so that when the thermocouple is used for checking bath temperature heat response time thereof is shorter than the time requires for the device to be damaged due to the bath temperature.

125088. McPherson's Limited. Improvements in irrigation systems. Accepted on 27th July 1971.

Comprises a line of flexible irrigation pipes coupled and having water discharge means, spaced carriages supporting the line above the ground and for transverse movement, means for supplying water to the line, a cable, means for returning the cable about at least part of perimeter of the field, means for drivably connecting the pipe line with the cable and drive means on the cable for drawing the pipe line around the field.

125089. Veeder Root Limited. A computer device. Accepted on 26th July 1971.

Comprising a rotatable pulse actuating device having a plurality of pulse actuator.

125092. Smith & Nephew Polyfabrik Limited. Array of fibres and process of making them. Accepted on 26th July 1971.

The individual longitudinal fibres of which are continuously banded along their length by possessing successive regions of different cross sectional area degree of orientation and morphology.

125108. Kalle Aktiengesellschaft. Process and apparatus for the production of a multi-layer sheet material of microporous structure. Accepted on 24th July 1971.

Which comprises impregnating the web with a liquid medium, coating one side of the impregnated web with a polymer solution and treating the web with a coagulating agent.

125205. Aktiebolaget Bofors. Method of manufacturing gun barrels. Accepted on 26th July 1971.

Gun barrels made from steel alloys containing C=35 to 80%, Mn= 4—15%, CR=2—12%, Ni=2—15%, Va=6 to 1.6%, Mo= upto 3.0%, W= upto 5.0%.

125271. Sherritt Gordon Mines Limited. Process for treating low-nickeliferous ores. (3rd March 1969). Accepted on 26th July 1971.

Comprising mining the said weathered serpentine ore, prior to calcining, with an iron oxide bearing additive material which is substantially free of impurities, said additive material being added in an amount sufficient to provide an iron content in the mixture of up to about 60% by weight.

125280. Sandoz Ltd. Azo compounds of low solubility in water, process for their preparation, and filaments, fibres and textiles made thereof, dyed or printed therewith. Accepted on 26th July 1971.

Diazotizing 1-amino-2-chloro-4-nitrobenzene and coupling with 1-(N-cyanethyl-N-acetoxy ethyl)-amino-3-acetyl-amino-benzene.

125281. Sandoz Ltd. Azo compounds of low solubility in water process for their preparation and filaments, fibres and textiles made thereof, dyed or printed therewith. Accepted on 26th July 1971.

Diazotising 1-amino-2-chloro-4-nitrobenzene and coupling with 1-(N-cyanethyl-N-acetoxyethyl)-amino-3-benzoyl-amino benzene.

125290. H. J. Daussan. Method and device for the fabrication of mold linings such as hot tops and hot top sections for ingot-molds and similar lining elements. (18th February 1969). Accepted on 29th July 1971.

Characterized in that a slurry is conveyed under pressure difference into a closed mold in which at least one wall is permeable to the dispersing phase of the slurry and in which the volume of said cavity is similar to that of the lining to be reproduced, the lining formed is dried and removed from the mold.

125291. Cereinigte Aluminium-Werke Aktiengesellschaft. A method of producing high density mouldings and equipment for performing the method. (28th August 1969). Accepted on 28th July 1971.
- Wherein the mass is deposited in a mould and compacted by subjecting the mass to vibration, and wherein the mould and its charge of mass is evacuated before and/or during the compaction of the mass.*
125301. Nippon Kokan Kabushiki Kaisha. Nozzles for steel-making lances. Accepted on 28th July 1971.
- The nozzle being made of metal of high heat conductivity, and comprising a plurality of openings and a sleeve made of material which is more abrasive resistant than the metal of said nozzle in each opening.*
125561. American Electronic Laboratories, Inc. Semiconductor leakage testing means. Accepted on 26th July 1971.
- Comprising a wheatstone bridge circuit, means for delivering signal, detecting means, and output means wherein when the bridge circuit is balanced for minimizing the amplitude of A. C. component of signal, D. C. current sensing means provides a measure of the reverse leakage current of the device.*
125601. Colgate-Palmolive Company. Dentifrice composition. Accepted on 24th July 1971.
- Comprising a water soluble monofluorophosphate salt and a water insoluble compatible polishing material said polishing material being present in an amount of from 20% to 90%.*
125605. Council of Scientific and Industrial Research. A method of making anode block for magnetrons and apparatus therefor. Accepted on 28th July 1971.
- Characterised in that the machined holes are finished by burnishing.*
125607. Fritz and Singh Private Limited. A filter element. Accepted on 29th July 1971.
- Comprising a tubular filtering member spread between an inner apertured tube and an outer apertured tube where the said filtering member is spread in the form of inner and outer pleats and the secondary pleats are provided between said inner and outer pleats.*
125651. Politechnika Warszawska, and Instytut Badawczo Projektowy Przemysłu Farb i Lakierów. Fire-protecting paints. Accepted on 29th July 1971.
- Comprising epoxy resin obtained by the reaction of epichlorohydrin and chlorobisphenol, antimony, arsenic or phosphorous compounds, pigments, solvents, plasticizers fillers and a curing agent.*
125761. M. S. Pathan. An improved electric lantern. Accepted on 29th July 1971.
- Comprising bottom cell holder with lead upper and lower bulb reflector and socket, transparent glass chimney and three way switch to operate said bulbs.*
125831. Monsanto Company. Improved beverage forming compositions. Accepted on 23rd July 1971.
- Comprising a flavouring agent and glutaric acid.*
125972. Steelworth Private Ltd. A threshing machine and more particularly a straw walker therefor. Accepted on 27th July 1970.
- Straw walker being inclined from receiving end to discharge end, comprises a set of conveyors, each comprises a set of conveyors, each comprising a set of spaced elements or rungs and means for imparting reciprocating motion and up and down motion to said conveyors.*
126105. The Goodyear Tire & Rubber Company. Improved catalysts for use in the process for the preparation of linear polyesters. Accepted on 23rd July 1971.
- By carrying out the esterification of the dicarboxylic acid and glycol in the presence of a catalytic amount of a catalyst selected from the organic carboxylic acid salt, 6-dikeionate or oxide of zirconium or titanium.*
126157. H. R. Jain. Improvements in or relating to regulators for electrical fans. Accepted on 26th July 1971.
- Characterised in that electrical elements namely switch, knob, resistance or choke will all electrical connection are mounted inside the cover part.*
126197. Amchem Products, Inc., and E. I. Du Pont De Nemours and Company. Composite thermal insulation and protective coating. Accepted on 27th July 1971.
- Comprising inner layer of thermal insulation material, outer layer of synthetic elastomeric weather resistant film and spaced set of bands additional second set of band on the outer surface of outer layer.*
126308. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the manufacture of carbon tetrachloride from tarry substances. Accepted on 27th July 1971.
- Comprising reacting coal tar, lignite, and residues of petroleum distillation with chlorine at a temperature of 50 to 700 atmosphere.*
126671. Warman Equipment (International) Ltd. Froth pump. (19th May 1969). Accepted on 24th July 1971.
- Comprising an impeller at the lower end of a rotatable vertical spindle, a casing enveloping the impeller an opening through the upper wall of the casing about the spindle, a feed chamber surrounding the spindle and downwardly communicating with the opening in the casing.*
126839. The Goodyear Tire & Rubber Company. Improvements in or relating to a method of applying a tread to a tire carcass. Accepted on 24th July 1971.
- Comprises applying a strip of elastomeric material and at least one cord simultaneously to the carcass in a plurality of turns around the circumference thereof.*
126974. Joseph Lucas (Industries) Limited. Electrical switches. (25th June 1969). Accepted on 27th July 1971.
- Operating lever being coupled to slider in such a manner that pivotal movement of the lever relative to the rotor moves said slider while movement of the lever in plane parallel to the pivotal axis of the lever takes place relative to the slider and moves the rotor relative to the base.*
126979. Danfoss A/S. Phase-initiation control arrangement, particularly for a three-phase consumer unit. Accepted on 28th July 1971.
- There is associated with each phase a continuously chargeable condenser, which, upon a prescribed voltage being reached, discharges to produce the control impulse and is also discharged in the zero cross-over of the particular phase voltage.*
127025. Veeder Root Limited. Liquid dispensing apparatus. [Divisional date 31st January 1970]. Accepted on 26th July 1971.
- Comprising a plurality of rotatable pulse actuators detector means and counting means.*
127027. Indian Institute of Technology. A device for measuring the height of lugs and the depth of indentations on deformed bars used as concrete reinforcement. Accepted on 27th July 1971.
- Comprises a body consisting of a top portion and a base portion the bottom of which is a straight edge, a hole through the said two portions, as deflection indicating apparatus the sleeve and spindle*

of which are snugly accommodable in the hole with the nose of the spindle projecting beyond the straight edge and means to fasten the sleeve to the body.

127138. Metallgesellschaft A. G. Production of hydrogen or of ammonia synthesis gas under medium pressure. Accepted on 27th July 1971.

Comprises gasification of sulfur containing fuel with oxygen and steam, desulfurization of raw gas, conversion of Co contained in raw gas to form Co_2 and hydrogen in two stages, the second stage being carried out at $190-28^\circ\text{C}$ under an absolute pressure of 35–60 kilograms per sq. cm. and the raw gas being cooled in waste heat boiler to produce steam under pressure which is higher by at least 20 kilograms per sq. cm. than the pressure in second conversion stage.

127203. M. Barthalon. Beam-track assembly for air-lift or magnetic-lift vehicles. Accepted on 28th July 1971.

Is provided with flanges for supporting vehicles when stationary wherein track and track-supporting beam constitute two separate units which are joined together by connecting and adjusting means.

127324. G. A. Bergman. An arrangement for dispensing lubricant in impact piston machines for drilling and like operations, driven by a two-stroke internal combustion engine. Accepted on 27th July 1971.

Characterized in that engine crank housing having oil fuel inlet is arranged between the engine cylinder and the impact piston cylinder.

127325. G. A. Bergman. An impact piston machine for boring, chiseling and like operations, having a drive piston and an impact piston. Accepted on 27th July 1971.

Characterized in that the drive piston is coupled to an engine crank shaft and also forms a compressor piston for generating scavenging air to blow dust from the bore hole.

127604. S. K. Ogale. An improved apparatus for sharpening a pair of scissors. Accepted on 24th July 1971.

Comprising a rectangular hardened metallic bit fixed in a suitable frame work, the bit being placed in an oblique manner, the arrangement being such that the pair of scissor when passed through respective slots of the frame of the gadget, the slots are at a different levels and the blade get sharpened due to friction afforded by push and pull action of the blades against the sharpening bit.

127605. Joseph Lucas (Industries) Limited. Electrical switches. (11th August 1969). Accepted on 28th July 1971.

One of four contacts being capable of movement when engaged by its respective mating contact, and being arranged to be engaged by its respective mating contact fractionally before the remaining pair of contacts mate.

127616. Prerovske strojirny, narodni podnik. Apparatus for the preheating of pulverulent materials particularly of cement raw materials. Accepted on 24th July 1971.

Characterizing a battery of additional cyclone separators, beyond the cyclone, whose outlet conduits terminate in a hopper in communication with a vertical transport means having conduits for introduction of fresh feed and a conduit communicating the vertical shaft.

127879. Canadian Industries Limited. Surface coating of polymeric materials. (11th August 1969). Accepted on 26th July 1971.

Surface of the organic polymeric material is coated with a solution of a polar polymer containing optionally and antistatic agent and/or an ultra-violet absorber, the solvent is evaporated, keeping the surface of the material below the softening point during these operations.

127924. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the manufacture of β -oxoaldehydic aldehyde. Accepted on 29th July 1971.

Comprises adding β -hydroxy-pivalic aldehyde in acetic acid to boiling mixture of acetic acid, enantiomer and acid catalyst at rate of formation of water.

128003. Universal Oil Products Company. Metal clad laminates. Accepted on 27th July 1971.

Characterised by the improvement of preparing an assembly comprising a fibrous component and a thin metal sheet with a thin film of thermoplastic material placed between said fibrous component and said thin metal sheet and subjecting the resultant assembly to heat and pressure.

128703. Amsted Industries Incorporated. Railway coupler head and method. Accepted on 23rd July 1971.

The upper hole having formed within said hole an integral horizontal cast metal wall section completely closing said hole to prevent entry into the coupler of foreign materials, said wall being of a thickness that permits said wall to be easily removed.

128723. Societe Fives Lille Call and Societe Des Appareils Dragon. Hammer type crusher. Accepted on 24th July 1971.

Comprising a rotor filled with hammers rotating inside a shielded crushing chamber characterised in that the ends of the bars constituting the shielding of the rear wall of the chamber are mounted in guideways provided in the side walls of the chamber and closed at their lower end.

129393. Idemitsu Petrochemical Co., Ltd. Process for producing plastein. Accepted on 26th July 1971.

Characterized by treating an aqueous peptide solution with a proteolytic enzyme.

Opposition Proceedings

An opposition has been entered by Sheth Industries to the grant of a patent on application No. 122794, made by Laljeebhai Chhotalal Wadhvana.

Patents Sealed

118188.	119395.	120391.	120701.	120766.	120784.	120838.
120982.	121189.	121230.	121253.	121276.	121295.	121322.
121466.	121485.	121494.	121566.	121580.	121655.	121656.
121918.	122007.	122203.	122207.	122608.	122667.	122690.
122693.	122716.	122726.	122731.	122774.	122785.	122799.
122807.	122852.	122888.	122921.	122973.	122987.	123018.
123027.	123103.	123125.	123233.	123260.	123438.	123467.
123701.	123846.	123858.	123951.	124085.	124108.	124135.
124382.	124784.	124852.	125213.	125336.	125419.	125583.
125881.	125995.	126216.	126742.	128733.	128734.	

Amendment Proceedings,

(1)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911 that The Dunlop Company Limited, on Dunlop House, Ryder Street, St. James's, London, S.W.1., England, Rubber Goods Manufacturers a Company incorporated under the laws of Great Britain, seek leave to amend the claims in the specification in respect of patent application No. 118529. (Title:—Improvements in or relating to moulding apparatus). Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(2)

The amendments proposed by Western Electric Company Incorporated in respect of patent application No 119876 as advertised in Part III, Section 2 of the Gazette of India dated the 20th March 1971 have been allowed.

(3)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that Joseph Lucas (Industries) Limited, a British company, of Great King Street, Birmingham, England, manufacturers seek leave to amend the description of patent No. 122713 (Title:—Improvements in or relating to the manufacture of battery plates and apparatus therefor). Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(4)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that Joseph Lucas (Industries) Limited, a British company, of Great King Street, Birmingham, England, Manufacturers seek leave to amend the description and claims in patent specification No. 122715. (Title:—Improvements in or relating to the manufacture of battery plates and apparatus therefor). Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(5)

The amendments proposed by Monsanto Company in respect of patent application No. 125845 as advertised in Part III, Section 2 of the Gazette of India dated the 6th March 1971 have been allowed.

(6)

The amendments proposed by Monsanto Company, in respect of patent application No. 125846 as advertised in Part III, Section 2 of the Gazette of India dated the 6th March 1971 have been allowed.

(7)

The amendments proposed by Monsanto Company in respect of patent application No. 125847 as advertised in Part III, Section 2 of the Gazette of India dated the 6th March 1971 have been allowed.

Registration of Assignments, Licences, (Patents)

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests:—

- 95597—Shri Bhupatral Keshavlal Doshi,
112010—M/s. The Tata Iron And Steel Company Limited.
87036—M/s. Maremont Corporation.
118171—M/s. Caterpillar Tractor Co.
119596—Shri Narasingh Govind Kamat,
113753—M/s. Arthur G. Mc Kee & Company.
110812—Council of Scientific and Industrial Research.
107589—M/s. Electronor Corporation.
108373—M/s. The Bauer Bros. Co.,
105456—Commonwealth Scientific And Industrial Research Organization.
57538—M/s. Phenox Works, Societe Anonyme.
92713—Commonwealth Scientific and Industrial Research Organization.
74608
75237
93579 The Minister of Aviation Supply.
96374
99707
102185

Renewal Fees Paid

57981	58052	58083	58093	58098	58121	58231	58235
58361	58432	59063	61348	61364	61383	61426	61474
61506	61541	61550	61553	64702	64709	64822	64832
64907	64996	65041	65049	65057	65276	65407	65531
65529	65628	66417	68368	68713	68792	68801	68817
68819	68855	68856	68866	68898	68899	68903	68935
68971	69861	70083	72268	72549	72679	72732	72826
72839	72840	72848	72859	72872	72890	72892	72921
72924	72973	73003	73014	73038	73040	73069	73174
73185	73897	77726	77768	77809	77903	77905	77914
77915	77932	77940	77950	77956	77962	77971	77999
78114	78195	78405	78568	78646	78647	79156	79290
80086	80087	83158	83424	83477	83575	83612	83673
83682	83706	83736	83766	83775	83783	83784	83875
83888	83892	83904	83905	83906	83912	84763	84984
85259	85965	89066	89190	89282	89299	89358	89359
89360	89428	89455	89456	89459	89460	89470	89477
89480	89504	89542	89569	89578	89626	89667	89725
89798	89854	89890	90560	90715	90716	90917	94045
94625	94644	94733	94796	94849	94976	95000	95007
95011	95012	95023	95024	95036	95101	95109	95113
95114	95125	95141	95179	95180	95185	95187	95212
95225	95232	95234	95301	95314	95411	95618	96053
96129	96455	98919	100636	100637	100894	100900	
100903	100918	100922	100928	100972	100976	101003	
101005	101078	101133	101166	101170	101198	101219	
101237	101238	101260	101286	101293	101297	101310	
101312	101407	101504	101505	101524	101582	101583	
101647	101691	101805	101850	102023	102739	103777	
105743	106034	106035	106183	106263	106356	106401	
106406	106426	106432	106442	106445	106457	106458	
106482	196477	106485	106487	106495	106500	106505	
106520	106537	106558	106560	106578	106615	106616	
106661	106662	106711	106735	106736	106738	106739	
106817	106849	106895	106983	107033	107034	107081	
107114	107217	107319	107479	107504	107876	107903	
108237	111577	111699	111712	111728	111731	111747	
111775	111781	111785	111792	111798	111811	111812	
111834	111843	111876	111888	111904	111915	111926	
111942	111965	112006	112044	112049	112061	112064	
112068	112086	112128	112168	112235	112370	112485	
112711	112827	113088	113198	113487	113737	115035	
115091	115330	115986	116836	116941	117100	117117	
117132	117133	117134	117135	117148	117194	117195	
117303	117320	118485	121207				

Restoration Proceedings

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent:—

No. 109181—Mrs. Nargis Sami Engineer.

Title:—“Improvements in or relating to a jet propulsion device for toys”.

The patent ceased on the 6th February 1971, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 10th July 1971. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 18th September 1971.

II

An order has been made on the 18th July 1971, restoring the patent No. 91019, dated as of the 26th November 1963 granted to Hiralal Ghosh and Biswanath Khaz for “a metal spray gun”.

S. VEDARAMAN.

Controller General of Patents, Designs and Trade Marks.